Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 27 Dec 2022 until 23:59 on Wednesday 28 Dec 2022

Forecast Issued on Monday 26 Dec 2022 at 09:40

Confidence: High for unsettled, often wet and windy weather, but low confidence for details, especially timing of worst of conditions.

Headline for Tuesday 27 Dec 2022: A windy, but milder, cloudy day with rain, some heavy.

Mountain weather hazards on Tuesday 27 Dec 2022

Blizzards
No Likelihood

Gales
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
High Likelihood

Storm force winds
No Likelihood

Poor visibility
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Light rain	Heavy Rain	Heavy Rain	Heavy Rain	Heavy Rain	Cloudy
Precipitation probability							
<05%	10%	40%	80%	>95%	>95%	90%	20%

Forecast for Tuesday 27 Dec 2022

Weather: A few clear spells overnight, but clouding over by daybreak with outbreaks of rain, perhaps a little wintry on the highest tops. Then a cloudy day with rain, heavy at times and rather persistent, especially through the afternoon. Rain clearing through the evening with some clear spells developing.

Chance of cloud-free hill tops above 600m: 70% much of the night and again late evening, but generally little chance through daylight hours.

Low cloud and visibility: Mainly good visibility at first but becoming moderate or poor in rain and very poor in any summit snow and within cloud with broken cloud base 700m becoming persistent in morning and lowering to 500m, occasionally lower, but cloud breaking through the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Tuesday 27 Dec 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/21 SW	16/22 SW	20/28 S	27/37 S	34/46 S	37/51 SW	34/47 SW	29/41 W	28/40 W
300	11/16 SW	11/18 SW	13/22 S	18/28 S	24/37 S	27/41 SW	24/37 SW	19/31 SW	17/29 SW
Valley	6/14 SW	5/17 S	8/20 S	11/26 S	16/35 S	18/38 SW	16/34 SW	13/29 SW	12/27 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-7	-1/-7	0/-6	2/-6	3/-5	4/-3	5/-2	4/-2	3/-4
300	1/-3	2/-3	2/-2	4/-2	5/-1	6/1	7/2	6/2	5/1
Valley	2/-1	1/-1	2/-1	4/0	5/1	7/3	7/4	7/3	6/2
Freezing Level*	500m	400m	800m	1000m	1300m	1600m	1600m	1100m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some chill effect at height, this significant in early hours, but milder by day. A windy day with gales over the summits and some buffeting.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 26 Dec 2022	2.2mm	7.8mm	12.8mm

Forecast for Wednesday 28 Dec 2022

Weather: Clear periods in early hours but high cloud spilling over area by the end of the night. Then cloud lowering and thickening in the morning to bring periods of heavy rain. Rain becoming patchy in the afternoon then clearing in evening, but blustery heavy showers developing.

Maximum wind: Southwest 25 increasing 30-35 gust 45mph in morning, but possibly 40 gust 60mph over higher tops.

Chance of cloud-free hill tops above 600m: 80% overnight and later in evening, but little chance by day.

Low cloud and visibility: Good visibility much of the night and later in evening, but most of the day will have moderate occasionally poor visibility and very poor within extensive cloud, above 400 or 500m, though mostly scattered cloud above 600m overnight and later in evening.

Temperature: **Valleys:** Falling to plus 3 C overnight then rising to plus 9 C
At 600m: Plus 2 or 3 C rising to plus 6 C
Freezing level: Well above tops.

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